TRILENKO, P.A.

"After this period of time has expired and the hemolytic mixture has been kept at room temperature for 10-20 minutes, it is added to the first phase of the reaction; 0.2 ml is added to the first tube, 0.4 ml to the second, 0.6 ml, to the third, etc., up to 1.4 ml to the seventh tube. After the mixtures have been kept in a water bath at 37-38°C for 20 minutes, the reactions are evaluated according to the hemolysis which has occurred; the largest quantity in the absence of which complete lysis of erythrocytes occurred is used as a titer (working dose) for the hemolytic system.

"The hemolytic mixture titered, by the aforementioned method is added to the tubes exhibiting a basic test and to the corresponding control; the tubes are shaken carefully and kept in a water bath at 37-38°C for 20 minutes. The reaction is read in the usual order.

Sym. 1305

TRILENKO, P. A.

"By the use of the above-described modification of the complement fix-ation reaction, 19 herds of cattle (2,015 head) with varying epizootiolog-ical records in regard to brucellosis were examined; positive results were obtained in 526 cases, whereas positive results were obtained in 400 cases when the usual complement fixation reaction was used, and in 240 cases with the agglutination reaction. A total of 584 cows from a brucellosis-free herd were examined; a doubtful agglutination reaction was obtained with their sera in seven cases, a complement fixation reaction in three cases, and a prolonged fixation reaction in two cases. The superiority of the latter method was also established on examination of sera from 113 horses, 168 sheep, and 31 humans. On the whole, it was found that with the prolonged complement fixation reaction, the diagnosis of brucellosis was 3.5-20% more successful than with the usual fixation, and 17.5-45.4% more successful than with the agglutination reaction. In old resurgent foci, the differences indicated were more pronounced than in fresh foci."

SUM. 1305

TRILENKO, P.A., doktor vet. nauk.

Vibriosis in sheep. Veterinariia 35 no.10:45-48 O '58. (MIRA 11:10)

1.Zaveduyushchiy otdelom mikrobiologii Leningradskogo nauchno-
issledovatel'skogo veterinarogo instituta.
                     (Absortion in animals) (Sheep--Diseases and pests)

USSR/Diseases of Farm Animals. Diseases Caused by   R-2
    Bacteria and Fungi

Abs Jour: Ref Zhur - Biol., No 1, 1959, 2802

Author   : Trilenko, P. A., Chistov, N. P., Zyabkin,
            A. S., Podkopayev, V. M., Kryachko, L. N.
Inst   : Leningrad Scientific Research Veterinary Insti-
            tute
Title   : The Results Obtained when Using SUIS 64 Strain
            Vaccine for Sanitation of Cattle from Bruce-
            llosis

Orig Pub: Sb. tr. Leningr. n.-i. vet. in-t, 1957, vyp. 7,
           56-66

Abstract: No abstract

Card 1/1

LIKHACHEV, N.V., prof.; GRINSKIY, N.I., prof.; SYURIN, V.N., prof.;
SPESIVTSEVA, N.A., prof.; KOLOBOLOTSKIY, G.V., prof.;
ZOLOTAREV, N.A., prof.; KORYAZHNOV, V.P., prof.; KOLESOV,
S.G., prof.; BABICH, M.A., prof.; PETROV, A.M., prof.; ZOTOV,
A.P., prof.; DOROFEYEV, K.A., prof.; POLYKOVSKIY, M.D., prof.;
SOLOMKIN, P.S., prof.; ORLOV, Ye.S., prof.; KOTOV, V.T., prof.;
TRILENKO, P.A., prof.; LYUBASHENKO, S.Ya., prof.; USACHEVA,
YARNYKH, A.M., red.; BALLOD, A.I., tekhn. red.

[Veterinary laboratory practice] Veterinarnaia laboratornaia
praktika. Moskva, Sel'khozizdat. Vol.[General microbiological
methods of investigation] Obshchie mikrobiologicheskie metody is-
sledovaniia. 1963. 566 p. Vol.2. [Biochemical, chemico-
toxicological, and veterinary hygienic methods of investigation]
Biokhimicheskie, khimiko-toksikologicheskie i zoogigienicheskie
metody issledovaniia. 1963. 431 p.   (MIRA 16:8)
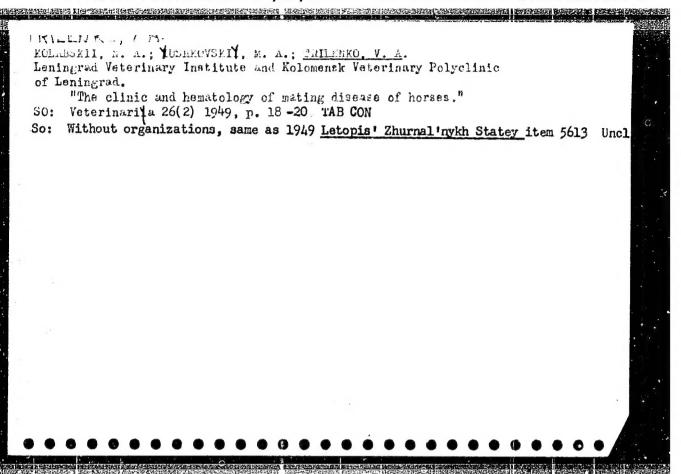   (Veterinary laboratories)

TRILENKO, Petr Andreyevich

"Significance of modified mutation strains of brucella, which have lost their ability to produce antibodies in the prophilaxis of brucellosis in animals."

report to be submitted at the 17th World Veterinary Congress, Hanover, West Germany, 14-21 Aug 63.

TRILENKO, Petr Andreyevich, prof., doktor veterinarnykh nauk; POLYAKOV,
P.Ya., red.; BARANOVA, L.G., tekhn. red.

[Vibriosis in cattle and sheep] Vibrioz krupnogo rogatogo skota
i ovets. Leningrad, Izd-vo sel'khoz.lit-ry, zhurnalov i plakatov,
1961. 246 p.   (MIRA 15:2)
    (Cattle—Diseases) (Sheep—Diseases) (Abortion in animals)

KRILENKO, V. A.
KOLABSKII, N. A.; YUSHKOVSKIY, N. A.; KRILENKO, V. A.
Leningrad Veterinary Institute and Kolomensk Veterinary Polyclinic
of Leningrad.
    "The clinic and hematology of mating disease of horses."
SO: Veterinarila 26(2) 1949, p. 18 -20. TAB CON
So: Without organizations, same as 1949 Letopis' Zhurnal'nykh Statey item 5613 Uncl

TRIIENKO, V. A.

"Agglutination Reaction and Complement Fixation Reaction as Diagnostic Methods for the Discovery of Antigens in American Bee Rot." Cand Vet Sci, Leningrad Inst for the Advanced Training of Veterinary Physicians, Leningrad, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

28(5)
AUTHORS:

SOV/32-25-8-40/44

Lobachev, M. V., Podmoshenskaya, S. V., Trilesnik, L. I., Shadrina, A. B.

TITLE: Multi-channel Photoelectric Devices DFS-10 for Emission Spectrum Analysis

PERIODICAL: Zavodskaya laboratoriya, 1959, Vol 25, Nr 8, pp 1013-1014 (USSR)

ABSTRACT: The instrument mentioned in the title has a photoelectric recorder of the individual spectrum lines (SL) and is intended to be used for rapid- and marking quantitative spectrum analyses of metals and alloys. The instrument has 36 outlet slits separating 36 (SL). A special programming device makes possible the simultaneous application of any desired combination of 12 (SL), using one (SL) as comparison line; thus 11 elements can be simultaneously determined in a sample. The instrument has a polychromator (vertical scheme), a recording receiver and a GEU-1 generator for electron regulation. The monochromatic radiation is focussed by special mirrors on 36 photoelements (with Sb/Cs-photo cathodes type STsV). The operation interval of the instrument with the photoelements STsV is 2200-5500 Å.
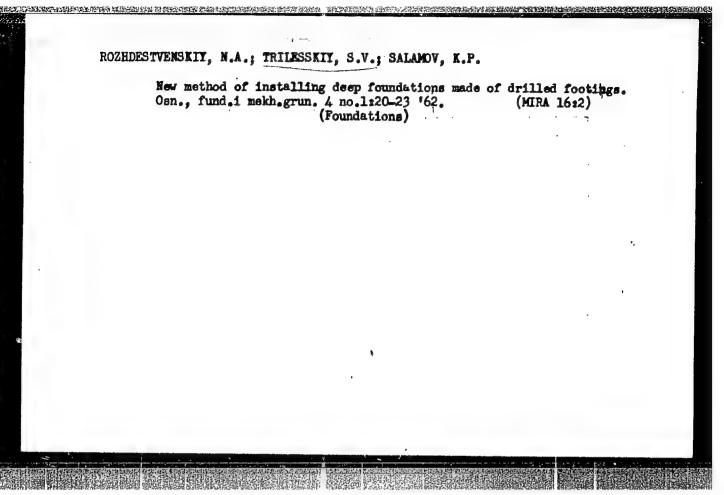
Card 1/2

SOV/32-25-8-40/44

Multi-channel Photoelectric Devices DFS-10 for Emission Spectrum Analysis

The operations of the instrument are described by a schematic diagram (Fig). The recorder is a potentiometer type EPP-09. The reproducibility of the photometric recording during 8 hours of continuous operation at a constant radiation is $\pm$ 0.6%. There is 1 figure.

Card 2/2

ANASTASIADI, A.P.; BOROVSKIY, V.R.; VYBORNOV, G.V.; KOPELYANSKIY,
G.D.; MAK, I.L.; PECHURO, S.S.; PIYEVSKIY, I.M.;
RACHEVSKAYA, K.D.; REYZNER, Yu.B.; RYBAK, L.L.; TSEPELIOVICH,
M.R.; SHUMAKHER, L.I.; YUSHKEVICH, M.O.[deceased]; AGEYENKO,
Yu.G., nauchnyy red.; BELUGIN, A.T., nauchnyy red.; KOGAN,
G.S., nauchnyy red.; KRZHEMINSKIY, S.A., nauchnyy red.;
MITSKEVICH, M.I., nauchnyy red.; SILENOK, S.G., nauchnyy red.;
TRILESNIK, Z.Ye., nauchnyy red.; ZUBAREV, K.A., glav. red.;
TROFIMOV, I.P., red.; SKRAMTAYEV, B.G., glav. red.; BALAT'YEV,
P.K., red.; KITAYEV, Ye.N., red.; KITAYGORODSKIY, I.I., red.;
ROKHVARGER, Ye.L., red.; KHOLIN, I.I., red.; CHERKINSKAYA,
R.L., red.; RODIONOVA, V.M., tekhn. red.

[Manual on the production of gypsum and gypsum products] Spra-
vochnik po proizvodstvu gipsa i gipsovykh izdelii. [By] A.P.
Anastasiadi i dr. Pod red. K.A.Zubareva. Moskva, Gosstroi-
izdat, 1963. 464 p.   (MIRA 16:7)
    (Gypsum)   (Gypsum products)

ROZHDESTVENSKIY, N.A.; TRILESSKIY, S.V.; SALAMOV, K.P.

New method of installing deep foundations made of drilled footings.
Osn., fund.i mekh.grun. 4 no.1:20-23 '62.   (MIRA 16:2)
                              (Foundations)

FINK, Z.; SAJDA, M.; technicka spoluprace TRILETA, V.

Reactions produced by the effect of organophosphates on some
interoceptive systems.   Cas. lek. cesk. 102 no.7:179-182 15 F '63.

1. Vojensky lekarsky vyzkumny a doskolovaci ustav J.Ev. Purkyne v
Hradci Kralove.
        (PHOSPHORUS POISONS, ORGANIC)   (ACETYLCHOLINE)
                    (BLOOD PRESSURE)   (SHOCK)

FINK, Zd.; technika spoluprace TRILETA, Vera

Influence of some anticholinergic compounds on cerebral acetylcholine in rats. Cas. lek. cesk. 102 no.12:305-309 22 Mr '63.

1. Vojensky lekarsky vyzkumny a doskolovaci ustav JEvP v Hradci Kralove.
          (BRAIN)   (ACETYLCHOLINE)   (BENACTYZINE)   (ATROPINE)
              (ISOFLUROPHATE)   (OXIMES)   (PYRIDINES)

CZECHOSLOVAKIA/Nuclear Physics - Nuclear Reactions.   C

Abs Jour   : Ref Zhur Fizika, No 3, 1959, 17447

Author   : Trilifaj, Ladislav

Inst   : Institute of Nuclear Physics, Czechoslovak Academy of
               Sciences, Prague, Czechoslovakia

Title   : Some Aspects of the Spherical Harmonics Methods for
               Neutron Transport Problems in Cylindrical Geometry.

Orig Pub   : Chephosl. fiz. zh., 1958, 8, No 4, 390-395

Abstract   : The integral-differential equation of diffusion of
               monoenergetic neutrons is solved in the P_1 approximation
               in the case of a cylindrically-symmetrical inhomogeneous
               medium and a cylindrically-symmetrical distribution of
               the neutron sources. The solution of the system of equa-
               tions thus obtained, a system which determines the spheri-
               cal harmonics of the distribution function, is expressed

Card 1/2

- 38 -

CZECHOSLOVAKIA/Nuclear Physics - Nuclear Reactions.   C

Abs Jour   : Ref Zhur Fizika, No 8, 1959, 17447

in terms of the Macdonald functions, and the problem
is reduced to determining the coefficients of the cor-
responding Macdonald functions. A detailed examination
is made of the determination of these coefficients in
the case of a medium with isotropic scattering indica-
trix. The results are in agreement with the results of
Davison (Referat Zhur Fizika, 1958, No 10, 22433), but
are obtained in a shorter manner. An analogous method
is used to examine the case of the medium with anisotro-
pic scattering indicatrix, which can be sufficiently
well described by a sum of two first spherical harmo-
nics. -- A.Ya. Temkin

Card 2/2

TRILING, Sholom Mikhaylovich; KASHTANOV, F., red.; NOVIKOVA, V.,
tekhn. red.

[Our practice in production mechanization] Nash opyt mekhani-
zatsii proizvodstva. Minsk, Gos.izd-vo BSSR, 1962. 16 p.
(MIRA 16:4)

1. Brigadir kompleksnoy brigady Grodnenskogo zavoda bytovykh
priborov (for Triling).
(Grodno--Household appliances--Technological innovations)

MRAZ, M; TRINER, L.; CHMELAROVA, M.; KRAUS, R.   CSSR

Pharmacological and embryological institute, faculty of general medicine,
Charles University (Farmakologicky a embryologicky ustav fak. vseob. lek.
Karlovy University),Prague; director: M. Wenke, MD and academician
J. WOLF, Dr Sc

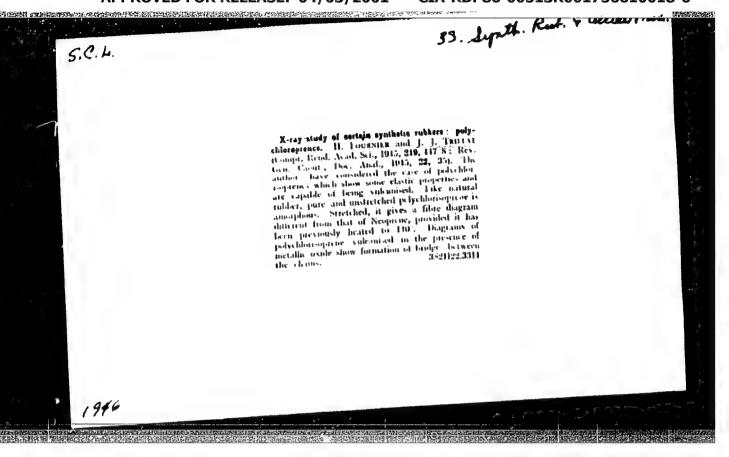"On the Possibility of Parenteral Application of Maltose"

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4

TRILISER, T.D., SHAPOSHNIKOV, P.K.

Effect of segmental electrophoresis of novocaine on the course of
local radiation damage following radiotherapy. Vop.kur., fizioter.
i lech. fiz. kul't. 23 no.5:408-410 S-O '58   (MIRA 11:11)

1. Iz Glavnogo voyennogo gospitalya imeni N.N. Burdenko
(nachal'nik - general-mayor meditsinskoy sluzhby N.M. Nevskiy)
            (RADIATION—PHYSIOLOGICAL EFFECT)
            (NOVOCAINE)
            (ELECTROPHORESIS)

SLAIDINS, Janis; TRILISKIS, Abrams; PURNE, Silvija; ENDZELINA, M.,
    red.; AKE, I., tekhn. red.
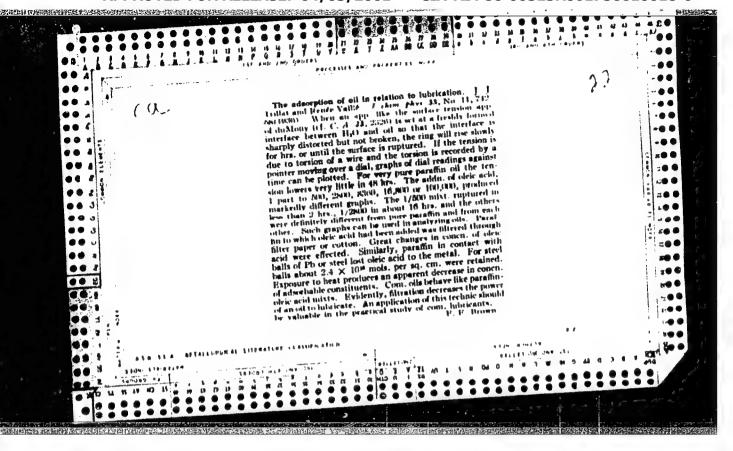
[Transfusion of blood and blood substitutes] Asins un asins
aizvietotaju parliesana. Riga, Latvijas Valsts izdevnieciba,
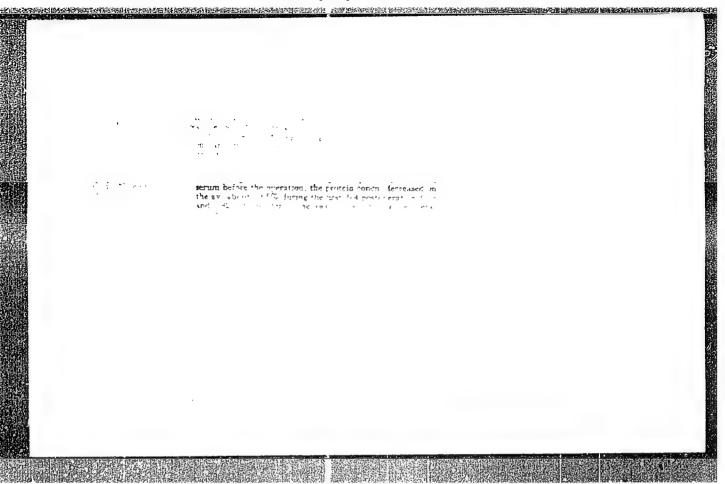   (MIRA 15:3)
1961. 164 p.
    (BLOOD--TRANSFUSION) (BLOOD PLASMA SUBSTITUTES)

S.C.L.

X-ray study of certain synthetic rubbers : poly-chloroprene.   H. Tournier and J. J. Trillat (Compt. Rend. Acad. Sci., 1945, 219, 117 8; Rev. Gen. Caout. Ind. Anal., 1945, 23, 35).   The authors have considered the case of polychloroprene, which show some elastic properties and are capable of being vulkanised.   Like natural rubber, pure and unstretched polychlorisoprene is amorphous.   Stretched, it gives a fibre diagram different from that of Neoprene, provided it has been previously heated to 110°.   Diagrams of polychlorisoprene vulkanised in the presence of metallic oxide show formation of bridges between the chains.   3·21·22·331

1946

The adsorption of oil in relation to lubrication. L. J. Gillet and Renée Vellis. J. chim. phys. 33, No. 11, 712-21(1936). When an app. like the the surface tension app. of duMouy (cf. C. A. 33, 2220) is set at a freshly formed interface between H₂O and oil so that the interface is sharply distorted but not broken, the ring will rise slowly for hrs. or until the surface is ruptured. If the tension is due to torsion of a wire and the torsion is recorded by a pointer moving over a dial, graphs of dial readings against time can be plotted. For very pure paraffin oil the tension lowers very little in 48 hrs. The addn. of oleic acid, 1 part to 800, 2800, 8300, 16,800 or 100,000, produced markedly different graphs. The 1/800 mixt. ruptured in less than 2 hrs., 1/2800 in about 16 hrs. and the others were definitely different from pure paraffin and from each other. Such graphs can be used in analyzing oils. Paraffin to which oleic acid had been added was filtered through filter paper or cotton. Great changes in concn. of oleic acid were effected. Similarly, paraffin in contact with balls of Pb or steel lost oleic acid to the metal. For steel balls about 2.4 × 10⁸ mols. per sq. cm. were retained. Exposure to heat produces an apparent decrease in concn. of adsorbable constituents. Com. oils behave like paraffin-oleic acid mixts. Evidently, filtration decreases the power of an oil to lubricate. An application of this technic should be valuable in the practical study of com. lubricants.

P. F. Brown

serum before the operation, the protein concn decreased in
the av about 15% during the first 3-4 postoperat and 4 and
and 42 14 14 the rat a a m n n

NOSOVSKIY, Vladimir Vasil'yevich, inzh., mladshiy nauchnyy sotrud.;
TRILESSKIY, S.V., red.; GANYUSHIN, A.I., red. izd-va; NIKO-
LAYEVA, L.H., tekhn. red.

[Manufacture and assembly of bridge spans] Izgotovlenie i
montazh proletnykh stroenii mostov. Moskva, Nauchno-tekhn.
izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog
RSFSR, 1961.   77 p.   (MIRA 14:5)
                    (Bridges, Concrete)

MIROSHNICHENKO, N.; MAROV, G.; TRILOBOV, I.

    Service industries in the Kuznetsk Basin. Mest.prom. i khud.promys 4 no.3:
7-10 Mr '63.   (MIRA 16:4)

1. Zamestitel' predsedatelya promyshlennogo oblastnogo ispolnitel'nogo
komiteta, Kemerovo (for Miroshnichenko.). 2. Predsedatel' shakhtennogo
komiteta, poselok shakhty "Yagunovskaya" (for Marov). 3. Glavnyy inzh.
Kemerovskogo bytkombinata No.1 (for Trilobov).
      (Kuznetsk Basin—Service industries)

USSR / Cultivated Plants. Grains.   M-3

Abs Jour: Ref Zhur-Biol., 1958, No 16, 72913.

Author : Trima, N. K.
Inst   : Belorussian Agricultural Academy.
Title   : Place of Corn inCrop Rotations of the Belorussian
          SSR.

Orig Pub: Tr. Belorussk. s.-kh. akad., 1957, 23, No 2, 5-22.

Abstract: On the basis of results of one-year tests (1955
          at the "Ivanovo" Training Farm), the best predeces-
          sors for corn in rotations of field crops are po-
          tatoes and winter rye, for fodders - silage crops
          (sunflower) and perennial grasses. Corn is recom-
          mended as a fallow crop. Total harvest (stems plus

Card 1/2

GARKUSHA, I.F., prof.; TRIMA, N.K., otv. za vypusk; PAVLOVSKAYA, Ye.M.,
tekhn. red.

[Bog soils; lectures for students of the agricultural faculty]
Bolotnye pochvy; lektsiia dlia studentov agronomicheskogo fa-
kul'teta. Gorki, Belorusskaia sel'khoz. biblioteka, 1957. 31 p.
(MIRA 14:8)

(Soils)   (Swamps)

GARKUSHA, I.F., akademik; TRIMA, N.K.; otvet. za vypusk

[Soils of the tundra zone; lectures for students of the department of agriculture] Pochvy tundrovoi zony; lektsiia dlia studentov agronomicheskogo fakul'teta. Gorki, M-vo sel'khoz. SSSR, 1959. 12 p.
(MIRA 14:8)

1. Akademiya sel'skokhozyaystvennykh nauk BSSR (for Garkusha)
(Russia, Northern—Soils)

GARKUSHA, I.F., akademik; TRIMA, N.K., otvet. za vypusk

[Soil structure; lectures for students of the department of agriculture] Pochvennaia struktura; lektsiia dlia studentov agronomicheskogo fakul'tega. Gorki, M-vo sel'khoz. BSSR, 1959. 13 p.

(MIRA 14:8)

1. Akademiiya sel'skokhozyaystvennykh nauk BSSR (for Garkusha)
(Soil physics)

Vorob'yev, S. A. and Trima, N. K. - "On the utilization periods of grasses in field-crop rotation," Doklady (Mosk. S.-kh. akad. im. Timiryazeva), Issue 9, 1949, p. 51-56

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

GARKUSHA, I.F., prof.; TRIMA, N.K., otvet. za vypusk; MEYTIN, M.B., tekhn.
red.

[Soils of the turf-Podzolic type; lectures for students of the
Agronomy Department] Pochvy dernovo-podzolistogo tipa; lektsiia
dlia studentov Agronomicheskogo fakul'teta. Gorki, Belorusskaia
sel'khoz. akad., 1957. 55 p.   (MIRA 14:10)
                    (Podzol)

VOSKOBOYENKO, A.; LEBEDEV, D.; KALITA, V. (Krasnodarskiy kray, Stanitsa Kurganskaya); IVANOV, P.; MELIMEVKER, D.; TRIFONOV, N., inzh.

Suggested, created, introduced. Izobr. i rats. no.9:16-17 S '61.
(MIRA 14:8)

1. Inzhener po ratsionalizatsii, Ussuriyskiy lesozavod (for Voskoboyenko). 2. Chlen soveta Nauchno-tekhnicheskogo ob- shchestva g. Sochi (for Lebedev). 3. Direktor Mukachevskoy remontno-tekhnicheskoy stantsii, Zakarpatskoy oblasti (for Ivanov). 4. Direktor pryadil'no-tkatskoy fabriki, g. Chelyab- insk (for Melimevker). 5. Trest "Chuvashspetsstroy", g. Cheboksary (for Trifonov).
(Technological innovations)

TRIFONOV, N.

"The Combiner Pavel Siusiura." p.34 (MASHINIZIRANO ZEMEDELIE, Vol. 4, No. 1/2, 1953, Sofiya.)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress, March 1954, Uncl.

TRIFONOV, N.

Gorkiy, Maksim, 1868-1936

"M. Gorkiy and the literature movement of the end of the 19th and beginning of the 20th centuries." A. Volkov. Reviewed by N. Trifonov. Lit. v shkole 13 No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED

KOVALENKO, K.N.; TRIFONOV, N.A.

Physicochemical analysis of the system aniline - ethyl alcohol;
viscosity, density, and surface tension. Uch.zap. RGU 41:45-50
'58. (MIRA 15:1)

(Aniline) (Ethyl alcohol)

VYALOVA, R.I.; D'YAKOV, B.F.; IMASHEV, N.U.; KOZ'MODEM'YANSKIY, V.V.;
    KRAYEV, P.I.; KRUCHININ, K.V.; TOKAREV, V.P.; TRIFONOV, N.K.;
    CHEREPANOV, N.N.

Southern-Mangyshlak oil- and gas-bearing region. Trudy VNIGRI
no.218:7-50 '63.   (MIRA 17:3)

TRIFONOV, N.K.; VASILENKO, V.P.

Stratigraphy of Upper Cretaceous sediments in the Mangyshlak
Peninsula. Trudy VNIGRI no.218;342-379 '63.
(MIRA 17:3)

AYZENSHTADT, G.Ye.-A.; KOLTYPIN, S.N.; TRIFONOV, N.K.

"Tectonic structure and historical development of the Caspian Lowland and adjacent regions in connection with gas and oil potentials" by M.P.Kazakov and others. Reviewed by G.X.-A. Aizenshtadt, S.N.Koltypin, and N.K.Trifonov. Izv. AN SSSR. Ser. geol. 25 no.4:109-112 Ap '60.
(MIRA 13:11)

(Caspian Lowland—Geology, Structural)
(Kazakov, M.P.)

TRIFONOV, N.K.

     New oil- and gas-bearing region in western Kazakhstan.
     Trudy VNIGRI no.220. Geol. sbor. no.8:7-9 '63.

                             (MIRA 17:3)

TRIFONOV, N.K.; CHEREPANOV, N.N.

Estimation of prospects for finding oil and gas in the Mangyshlak
Peninsula and the prospective plan of further works. Trudy
VNIGRI no.132:59-71 '59.   (MIRA 17:1)   :

TRIFONOV, Nikolay Kuz'mich; BURAGO, Alla Mikhaylovna; KULIKOV, M.V.,
vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Upper Cretaceous sediments on the Mangyshlak Peninsula;
stratigraphy and facies] Verkhnemelovye otlozheriia Mangyshlaka;
stratigrafiia i fatsii. Leningrad. Gos.nauchn.-tekhn.izd-vo
neft. i gorno-topl.lit-ry leningr. otd-nie, 1960. 195 p.
(Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii
geologorazvedochnyi institut. Trudy, no. 157)   (MIRA 14:2)
(Mangyshlak Peninsula--Geology, Stratigraphic)

AYZENSHTADT, G.Ye.-A.; TRIFONOV, N.K.; CHEREPANOV, N.N.

Basic problems relative to oil and gas potentials of western
Kazakhstan. Sov.geol. 2 no.9:56-69 S '59.   (MIRA 13:2)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologoraz-
vedochnyy institut (VNIGRI).
            (Kazakhstan--Petroleum geology)
            (Kazakhstan--Gas, Natural--Geology)

TRIFONOV, N.K.

New data on the upper Cretaceous stratigraphy of the Mangyshlak
Peninsula. Trudy VNIGRI no.131:297-301 '59.   (MIRA 12:9)
            (Mangyshlak Peninsula--Geology, Stratigraphic)

TRIFONOV, N.K.

New data on the distribution of Sarmatian strata in northwestern
Kazakhstan. Geol.sbor. no.3:161-164 '5.   (MLRA 8:6)
        (Kazakhstan--Geology, Stratigraphic)

D'YAKOV, B.F.; IMASHEV, N.U.; KRUCHININ, K.V.; KOGAN, A.B.:
KOZMODEM'YANSKIY, V.V.; TOKAREV, V.P.; TRIFONOV, N.K.
CHEREPANOV, V.N.; VYALOVA, R.I.

Southern Mangyshlak is a large new oil-bearing region. Geol.
nefti i gaza 5 no.12:4-11 D '61.   (MIRA 14:11)

1. Vsesoyuznyy nefteyanoy nauchno-issledovatel'skiy
geologorazvedocheskoye upravleniye i trest Mangyshlakneftegazrazvedka.
          (Mangyshlak Peninsula—Oil fields)

SHUB..., Yevgeniy Andreyevich; TALIZMAN, Nikolai Izibovich;
BREVERMAN, Yu.M., red.

[A course in programming] Kurs programmirovaniia. Moskva,
Izd-vo "Nauka," 1964. 386 p.   (MIRA 17:8)

TRIFONOV, N. P. Master of Phys-Math Sci. and SHURA-BURA, M. R. Dr. Phys-Math Sci.

"Experience of Programming and Solving Certain Mathematical Problems by the 'M-2' Machine of the ENIN Inst. of Energy of the USSR Academy of Sciences by the Moscow State University," a lecture delivered at the Soviet Computer Congress, 12-17 March 1956, Moscow

Translation of abstract D 499674

TRIFONOV, N. P., Cand. in Phys. Math. Sci. and SHURA-BURA, M. R., Dr. of Phys. Math. Sci.

"Experience in Programming and Solving Certain Mathematical Problems with the M-2
Machine of the Enin of the Academy of Science USSR at the Moscow State University"
a paper presented at the Conference on Methods of Development of Soviet Mathematical
Machine-Building and Instrument-Building, 12-17 March 1956.

Translation No. 596, 8 Oct 56

BARENBLATT, G.I. (Moskva); TRIFONOV, N.P. (Moskva).

On a few axisymmetric problems on unsteady fluid and gas flow through
porous media. Izv.AN SSSR.Otd.tekh.nauk no.1:59-70 Ja '56.
                                        (MLRA 9:5)

1. Institut nefti AN SSSR i Institut tochnoy mekhaniki i vychislitel'-
noy tekhniki AN SSSR.
              (Soil percolation) (Petroleum engineering)

9(2,9)   SOV/112-58-3-4805

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1958, Nr 3, p 205 (USSR)

AUTHOR: Trifonov, N. P.

TITLE: High-Power Thermoelectric Wattmeter for Decimeter Band
    (Termoelektricheskiy vattmetr bol'shoy moshchnosti detsimetrovogo diapazona)

PERIODICAL: Tekhnika televideniya (M-vo radiotekhn. prom-sti SSSR), 1957,
    Nr 20-22, pp 146-154

ABSTRACT: A coaxial-line-type wattmeter for measuring power in the decimeter
    band is described. The power measured is dissipated in a terminal load whose
    temperature is measured by a set of series-connected thermocouples. The
    terminal load is, in fact, an absorbing film coating the inner surface of the
    outer conductor of the coaxial line. The wattmeter is calibrated by a low-
    frequency current passed through the wire heater. In case of the first model,
    the heater is placed into the load equivalent; in case of the second model, it is
    inserted into the load for the duration of wattmeter calibration. The scale span
    is 5-100 watts for the first model and 10-250 watts for the second. The error
                                                    is $\pm 5-7\%$.

Card 1/1   L.A.B.

TRIFONOV, N P

16(1); 28(2)   PHASE I BOOK EXPLOITATION   SOV/2291

Zhogolev, Yevgeniy Andreyevich, Gennadiy Stepanovich Roslyakov, Nikolay Pavlovich Trifonov, and Mikhail Romanovich Shura-Bura, Professor

Sistema standartnykh podprogramm (System of Standard Subroutines) Moscow, Fizmatgiz, 1958. 230 p. (Series: Biblioteka prikladnogo analiza i vychislitel'noy matematiki) 8,000 copies printed.

Sponsoring Agency: Moskovskiy gosudarstvennyy universitet. Kafedra vychislitel'noy matematiki.

Ed. (Title page): Mikhail Romanovich Shura-Bura, Professor; Ed. (Inside book): Yu. M. Bezborodov; Tech. Ed.: S. N. Akhlamov.

PURPOSE: This book is intended for persons working in the field of computer mathematics as well as students specializing in this field and others interested in the problems of performing operations on high speed digital computers.

COVERAGE: The book is basically a description of a system of standard

Card 1/7

System of Standard Subroutines

subroutines which were applied at the Vychislitel'nyy tsentr (Computing Center) of Moscow State University in 1955-1956. The book consists of an introduction and two parts. In the introduction, principles of construction and operation of high speed digital computers and basic programming concepts and methods are discussed. In the first part is described the M-2 computer, located in the Laboratoriya upravlyayushchikh mashin i sistem (Control Machine and Systems Laboratory) of the Academy of Sciences, USSR, and built under the supervision of I. S. Bruk, Corresponding Member of the Academy. The peculiarities of programming and selecting a system of standard subroutines for this machine are discussed. In the second part of the book are found certain subroutines from the library suitable for the system selected. Although the subroutines have been selected with a specific machine in mind, the system as well as the algorithms can be completely and successfully applied to various automatic digital computers. These subroutines as well as the contents of the book were discussed at sessions of a seminar in which Academician S. L. Sobolev, Professor K. A. Semendyayev, and Docent I. S. Berezin took part together with coworkers of the Computer Center. The authors thank the latter for their valueble remarks, and also thank V. M. Vasil'yev and N. M. Yershova, both of the Computing Center at Moscow State University, for composing with

Card 2/7

TRIFONOV, N. P.
TIFONOV, N.P.:   SHCHEDRIN, B.H.

, "The Application of Universal Computers to X-Ray Structure Analysis"

a report presented at symposium of the International Union Conference
of Crystallography   Lenningrad   21-27 My 1959

SO: B 3,135,471   28 JUly 1959

/

SOV/70-4-3-7/32

AUTHORS: Trifonov, N.P. and Shchedrin, B.M.

TITLE: The Solution of the Basic Problems of Structure Analysis on Universal Calculating Machines

PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 3, pp 315-323 (USSR)

ABSTRACT: In 1954, programmes for crystallographic calculations on the digital calculating machine BESM were worked out and in 1956 repeated for the "Strela" machine of Moscow University. The following calculations can be made:
1) calculation of a net of values $\sigma(x, y)$ (Fourier synthesis, etc.);
2) allocation of phases (calculated) to observed amplitudes F_o and calculation of $\sigma(x, y)$;
3) calculation of F_o + calculation of $\sigma(x, y)$;
4) calculation of $(F_o - F_c)$ + calculation of $\sigma(x, y)$ (difference synthesis);
5) calculation and output of F_c;
6) allocation to F_o of the phases of the calculated F_c and output of the F_o obtained;

Card1/3

SOV/70-4-3-7/32

The Solution of the Basic Problems of Structure Analysis on Universal Calculating Machines

    7)   calculation and output of $(F_o - F_c)$;

    8)   refinement by the method of differential synthesis;
    9)   refinement by the method of differential synthesis
    + estimation of accuracy + calculation of $\sigma(x, y)$ from F_c .

The calculation of the Fourier synthesis is made at intervals of 1/60 or 1/120 of the unit cell edges with maximum indices of 30. The maximum number of F_{hk} values which can be used is 1524. For a centro-symmetric group the summation takes 10-30 minutes and for a non-centro-symmetric group twice as long.

Structure factors are calculated from the usual formula. f_i is held on the machine as a table in steps of 0.1 in $\sin \theta/\lambda$ and is found by linear interpolation. $\sin \theta/\lambda$ is calculated from $\sin \theta/\lambda = (Ah^2 + Bk^2 + Chk + D)^{1/2}$.

Up to 95 atoms of 24 sorts can be handled. Not more than 63 can be of one sort. The usual calculation time (for a zone) is 20-30 minutes, including a double check.

Card2/3

SOV/70-4-3-7/32

The Solution of the Basic Problems of Structure Analysis on Universal
Calculating Machines

       Each refinement cycle (of a zone) takes an average time
       of 35-40 min.
       There are 4 references, 3 of which are Soviet and 1
       international.

ASSOCIATION: Vychislitel'nyy tsentr MGU (Calculating Centre,
       Moscow State University)

SUBMITTED: February 24, 1959

Card 3/3

L.I. TRIFONOV

16(1),16(2)

AUTHORS: Leonidov,K.S., and Rakova,K.S.

SOV/42-14-1-21/27

TITLE: New Publications on Applied Analysis and Numerical Mathematics (Novyye izdaniya po prikladnomu analizu i vychislitel'noy matematike)

PERIODICAL: Uspekhi matematicheskikh nauk,1959,Vol 14,Nr 1,pp 261-265(USSR)

ABSTRACT: It is stated that in the USSR there exists no periodical on numerical mathematics and similar domains. The papers of these domains chiefly appear in the serie "Publications on Applied Analysis and Numerical Mathematics" (DPAM) and in single collected volumes. The series DPAM began in 1955 and until now it contained the following monographies: 1. G.S.Salekhov "Calculation of Series"; 2. A.I.Churnovskiy "Application of Continued Fractions in the approximate analysis"; 3. V.S.Ryabenkiy A.F.Filippov "Stability of Difference Equations"; 4. V.S.Dolganskiy B.M.Levitan "Arithmetic Devices of Electronic Digit Apparatus"; 7. M.A.Lavr'ev 1. S.N.Mikolskiy "Quadrature Formula"; 8. Yu.V. Vorobyev "Momentum Method in Applied Mathematics"; 9. G.I. Kopley, G.S.Kozlyakov M.F.Trifonov, M.S.Shura-Bura system of Standard Subprograms".

There appeared the following collected volumes: "Numerical Mathematics and Computing Technics" (NMT) since 1953. "Numerical Mathematics" (NM) since 1957, and "Computing Technics" (VT) since 1956. Until now two volumes of NMT appeared with contributions of A.Ditkin, L.A.Lyusternov, A.I.Ivanov, L.A.Abramov, M.K. Shura-Bura, V.V.Shennikov, V.V.Vorobyev, O.S.Kuzminskiy, I.V. Konok, P.P.Dobronolts, L.I.Karanina, V.I.Sauliyev, M.M. Gladir, F.A.Rones, V.I.Ostanker, G.I.Rus Bloch, A.I.Niknites There published three volumes of NM containing contributions of I.A.Brusentsok, Yu.V.Vorobyev, D.A.Lithachenko, S.I.Dovraenin, S.P. Lobanov, M.A.Shvartsman, I.A.Rytov, F.L.Bauer, F.E.Sauliyev, V.Ya. Valodkin, V.I.Linatsky, V.A.Bhepey, S.N.Drozdov, A.S.Genev, N.I.Vodikov, V.S.Nekhodko, I.I.Fedorova, T.M.Sobot, V.I. Fedorov, O.S.Vichekovskiy, The first volume of VT contains contributions of O.I.Shokoder, V.I.Mayorov, P.P.Gobrovilikov, V.I.Volkov, L.M.Ornov, Yu.A.Maprodin, O.V.Bostinkiy, N.N. Kronov, V.I.Ogorov. Besides in 1956 Yu.A.Vasilevskiy edited the collected volume "Questions of the Theory of Potential Equations" (Voprosy teorii potentsialnykh mashin) with contributions of Yu.Ya. Basilevskiy, I.V.Arnoldov, Yu.I.Shreyder, K.A.Ginsberg, I.M. Ginsberg, M.N.Kasper, V.S.Linskiy, A.I.Zakharsky.

Card 3/5

TRIFONO\, Nikolay Pavlovich, red. SHURA-BUHA, Mikhail Romanovich, red.;
BEZBORODOV, Yu.M., red.; PLAKSHE, L.Yu., tekhn. red.

[System for automating programming operations] Sistema avtomatiza-
tsii programmirovaniia. Moskva, Gos.izd-vo fiziko-matem.lit-ry,
1961.
                                                (MIRA 14:12)
              (Programming (Electronic computers))

41191

S/194/62/000/007/003/160
D222/D309

9.7/00

AUTHORS: Trifonov, N.P., and Shura-Bura, M.R. .

TITLE: Properties of the programming program for Strela-4

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
             no. 7, 1962, abstract 7-1-16 m (In collection: Sistema
             avtomatiz. programmirovaniya, M., Fizmatgiz, 1961,
             71 - 84)

TEXT: The basic ideas in the design and structure of the programm-
ing program written at the Vychislitel'nyy tsentr MGU (Computer
Center, MGU) are described. The basis of this programming program
(PP) is the method of standard subschemes. A standard sub-scheme is
a part of the logical scheme (LS) realizing a certain algorithm and
permitting of a standard description independently of the problem
in which the given algorithm is realized (e.g. cycles). The stan-
dard subschemes are described in a symbolic notation and they are
transcribed by special blocks of the PP into a complete LS in terms
of the basic types of operators used in this PP. This accomplishes

Card 1/3

Properties of the programming ...

an intermediate stage of programming. Standard subschemes of vari-
ous levels can be used, and correspondingly the programming can be
organized with several intermediate stages. The initial information
for PP is LS, a table (T) showing the dependence of quantities on
the parameters, and some general information. Six types of operators
are permitted in LS: A – arithmetical, O – restoration, F – address
modification, Φ – forming, N – nonstandard, DK – auxiliary constants.
In LS the use of standard subschemes f is permitted. A short des-
cription of these operators is given. The initial information for A
is given in the form of a system of formulas $f_1(x_1, x_2, ..., x_k) \Rightarrow$
$\Rightarrow x_j$. The table T showing the dependence of the quantities on the
parameters contains the parameters of the program and the accompa-
nying information on the modification of the corresponding addres-
ses when the parameters are changed by unity. The general informa-
tion contains a table of symbolic addresses, a table of external
addresses, a table of intervals and a table of storage allocation.
The last of these serves for the processing of a given program
with the standard-component program CCП-2 (SSP-2). The system of
information coding is given – i.e. the distribution of symbolic

Card 2/3

Properties of the programming ...

S/194/62/000/007/003/160
D222/D309

numbers in PP – and also the symbolic numbers for coding the operators and the corresponding indicators. In order to prepare the initial information for input there is an auxiliary program for preliminary processing. The PP consists of the following blocks: B – input, f – standard subschemes, C – auxiliary block (to form short LS's), B – processing of nonstandard operators, A – arithmetics, E – working-cell economy block. O, F and Φ are blocks for restoration, address modification and forming, RP is a block for ordering and the assignment of addresses. All blocks of PP are written on magnetic tape and are brought sequentially into the operative memory of the computer. [Abstracter's note: Complete translation.]

Card 3/3

41192
S/194/62/000/007/004/160
D222/D309

9.7100'

AUTHOR: Trifonov, N.P.

TITLE: Block of standard subschemes

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
               no. 7, 1962, abstract 7-1-17 k (In collection: Sistema
               avtomatiz. programmirovaniya, M., Fizmatgiz, 1961,
               125 - 134)

TEXT: The block of standard subschemes (SS) is intended for the
replacement of the symbolic notations in SS by the corresponding
parts of the logical scheme (LS), described in terms of basic types
of operators. In the library of SS's the most frequent SS's are in-
cluded - cycle with restoration and cycle without restoration. The
LS for a cycle with restoration is of the form: $S_1 = O(i)$
$S_o(i) \ F(i) \ p(i \quad i_k)'$, where O and F are restoration and address-
modification operators. A part of LS can contain cycles. In this
case cycle S_1 has a rank k if S_o contains at least one cycle of

Card 1/3

S/194/62/000/007/004/160
D222/D309

Block of standard subschemes

rank k-1 and does not contain cycles of higher ranks. The logical
condition is realized in the most general way by a counter. In LS
information on SS is given by a symbolic notation of the form

$N_1 \{S_0\} N_2$ ($f_1 i$, i_0, i_k), which means that for a part of LS we have
to write down the scheme of a cycle with restoration (f_1) with re-
spect to the parameter i, the initial and final values of the para-
meter being i_0 and i_k respectively, while the first operator of
this cycle must be numbered N_1, and the last N_2. The algorithm for
the operation of block SS is described. In a preliminary calcula-
tion the socalled symbolic ranks of the cycles are determined and
a table of SS is formed. This preliminary work is done by the first
part of the block, after which there follows the writing down of
the cycle. The first stage is the assignment of numbers to the ope-
rators. During the second stage the information is prepared for the
O and F operators. In the third stage the arithmetical operators A
and $\bar{\bar{A}}$ are formed, (the counter is restored and one is subtracted

Card 2/3

Block of standard subschemes   S/194/62/000/007/004/160
                                             D222/D309

from the counter to obtain the indicator), and also a non-standard
operator E which ends the cycle. The final stage includes the order-
ing of the operators into a complete LS using the information which
has been prepared. An enlarged block diagram of the program for the
processing of cycles is given. 1 figure. [Abstracter's note: Comp-
lete translation.]

Card 3/3

TRIFONOV, N.P., red.; ROSLYAKOV, G.S., red.; ZHOGOLEV, Ye.A., red.;
GOL'DENBERG, G.S., red.; YERMAKOV, M.S., tekhn. red.

[Computing technique·s and programming; collection of works
of the Moscow University Computer Center]Vychislitel'nye meto-
dy i programmirovanie; sbornik rabot Vychislitel'nogo tsen-
tra Moskovskogo universiteta. Moskva, Izd-vo Mosk. univ.
Vol.1. 1962. 349 p.   (MIRA 15:10)
            (Electronic calculating machines)
          (Programming (Electronic computers))

ZHOGOLEV, Yu.A.; TRIFONOV, N.P.; SHAKHSUVAROV, D.N.

Calculation of electromagnetic fields in lamellar media. Vych.
met. i prog. 1:209-233 '62.   (MIRA 15:8)
            (Field theory) (Electromagnetic waves)
                (Electronic calculating machines)

TRIFONOV, N.S.

Expediency of using photoprotection for presses. Mashinostroitel'
no.10:15 '60.   (MIRA 13:10)
          (Power presses—Safety measures)

TRIFONOV, N.S., inzh.

Using photoelectric intrusion detectors on crank presses.
[Nauch. trudy] ENIKMASha   6:161-167   '63.   (MIRA 16:9)
           (Mechanical presses--Safety appliances)
            (Photoelectric cells)

BELOV, V.P. (Moskva); KULIKOV, L.S. (Moskva); TRIFONOV, O.A. (Moskva)

Some characteristics of the dynamics of neurotic states originating
in childhood. Zhur. nevr. i psikh. 65 no.5:733-736 '65.

(MIRA 18:5)

TRIFONOV, O. N. Cand Tech Sci -- (diss) "Study of the possibility of utilizing the hydraulic hammer effect in metal-cutting lathes." Moscow, 1960, 15 pp, (Min Higher and Secondary Specialized Education, RSFSR. All-Union Correspondence Polytech Inst), 200 copies, (KL, 31-60, 142)

MIRONOV, V.Ye.; KUL'BA, F.Ya.; TRIFONOV, O.I.

Effect of alkali metal cations on the formation of thiocyanate
complexes of lead (11). Zhur.neorg.khim. 8 no.9:2113-2117 S
'63.   (MIRA 16:10)

1. Leningradskiy tekhnologicheskiy institut imeni Iensoveta, kafedra
obshchey khimii.

ACHERKAN, N.S., doktor tekhn. nauk, prof., zasl. deyatel' nauki
i tekhniki RSFSR; GAVRYUSHIN, A.A., kand. tekhn. nauk;
YERMAKOV, V.V., kand. tekhn. nauk, dots.; IGNAT'YEV, N.V.,
kand. tekhn. nauk, dots.; KAKOYLO, A.A., inzh.; KUDINOV,
V.A., kand. tekhn. nauk; KUDRYASHOV, A.A., kand. tekhn.nauk,
dots.; LISITSYN, N.M., kand. tekhn. nauk, dots.; MIKHEYEV,
Yu.Ye., dots.; PUSH, V.E., doktor tekhn. nauk, prof.;
TRIFONOV, O.N., kand. tekhn. nauk, dots.; FEDOTENOK, A.A.,
doktor tekhn. nauk, prof.; KHOMYAKOV, V.S., kand. tekhn.
nauk; ABANKIN, V.I., inzh., retsenzent

[Metal cutting machines] Metallorezhushchie stanki. Moskva,
Mashinostroenie. Vol.1. 1965. 764 p.   (MIRA 18:10)

TRIFONOV, O.N.

Hydraulic shaft. Stan.i instr. 31 no.8:12-13 Ag '60.
(MIRA 13:8)
(Oil hydraulic machinery)

TRIFONOV, O.N., aspirant

Using hydraulic impact techniques in machine tools. Issl.v
obl.metallorezh.stan. no.4:220-237 '61.   (MIRA 14:12)
(Machine tools--Hydraulic driving)

TRIFONOV, O.N., aspirant

Determining the necessary law of the changes in the capacity of
a valve slit during the generation of hydraulic pulses. Issl.v
obl.metallorzh.stan. no.4:291-297 '61.   (MIRA 14:12)
                        (Oil hydraulic machinery)

S/123/62/000/012/009/010
A004/A101

AUTHOR: Trifonov, O. N.

TITLE: The possibilities of using hydraulic impacts in metal-cutting
              machine tools

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 12, 1962, 62 - 63,
              abstract 12B397 (V sb. "Issled. v.obl. metallorezh. stankov", no. 4,
              Moscow, Mashgiz, 1961, 220 - 237)

TEXT: During an oscillating motion of the cutting edge of the tool in the
cutting plane the adherence of the chip to the tool front edge decreases which,
in some cases, leads to an improved surface. For this purpose a hydraulic vi-
bration drive has been developed whose operation is based on the utilization of
the phenomenon of hydraulic impacts, i.e. an abrupt increase in pressure in the
system if the oil flow rate is changed. The author carried out theoretical in-
vestigations of the phenomenon of hydraulic impact in this drive. The graphic
method is used for determining the relative pressure increase at the beginning and
at the end of the pipeline for any period. This investigation was carried out

Card 1/2

The possibilities of...

S/123/62/000/012/009/010
A004/A101

both for a continuous and for an interrupted oil flow, which is interesting inas-
much as in some pipeline sections, during the superposition of the forward and
back waves, stresses may arise which exceed the admissible stress of oil rupture
and promote a liberation of vapors and dissolved air from the oil. The cavita-
tion phenomenon in mineral oil was studied with a high-speed motion-picture
camera. It was found that during the piston travel under cavitation conditions
a constant pressure is established in front of the piston. This is made use of
in deriving the equation of the piston motion during cavitation. Based on the
theoretical and experimental investigations, the model 5714 gear shaving machine
has been modernized, ensuring the application of oscillating motions to the gear
being shaved in the cutting plane which improves the finish quality of toothed
wheels. There are 17 figures and 5 references.

B. Korobochkin

[Abstracter's note: Complete translation]

Card 2/2

GIRSHOVICH, Ye.S., kand.tekhn.nauk; TRIFONOV, O.N., inzh.

Technological parameters of cutter heads of small milling machinery units. Trakt.i sel'khozmash. 31 no.2:40-42 F '61.   (MIRA 14:7)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.
(Milling machines)

TRIFONOV, O.V., master vazlivochnogo proleta

Performance of casting bays. Metallurg 7 no.12:17-19 D '62. (MIRA 15:12)

1. Kuznetskiy metallurgicheskiy kombinat.
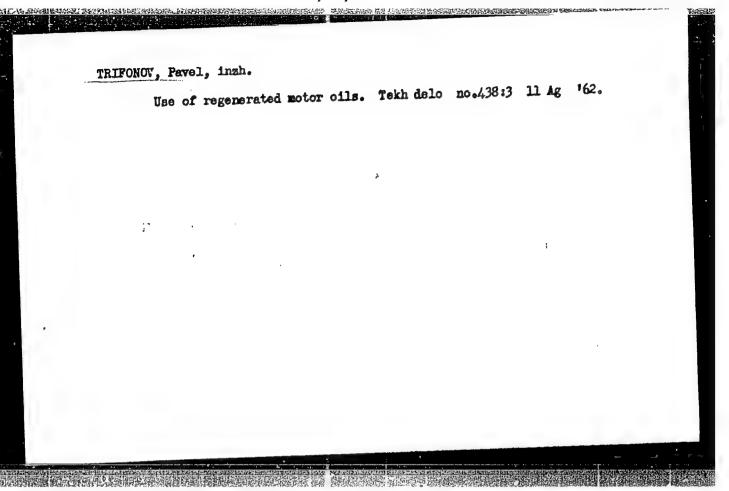(Open-hearth furncaes—Equipment and supplies)

TRIFONOV, O.V.; GOROKHOV, N.K.

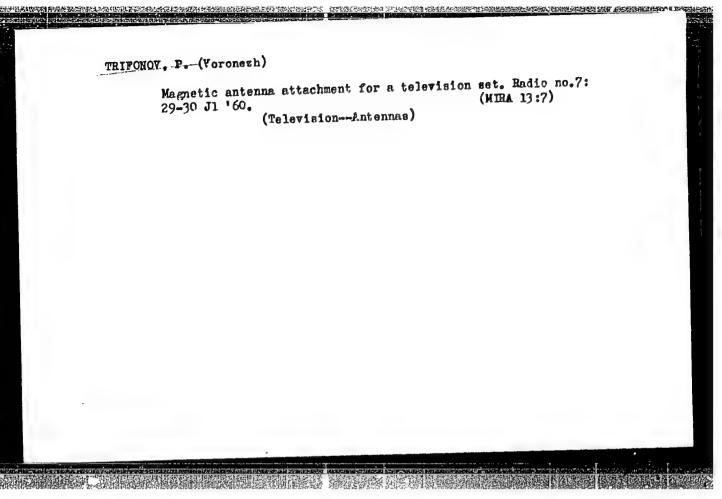Breaking away of the stoppers. Metallurg 9 no.5:16-19 My '64.
(MIRA 17:8)

1. Kuznetskiy metallurgicheskiy kombinat.

TRIFONOV, O.V.; BOGACHEV, S.I.; VASIL'YEV, A.N.

Pouring steel with a 45 millimeter casting nozzle. Metallurg 10
no.3:18-19 Mr '65.   (MIRA 18:5)

1. Kuznetskiy metallurgicheskiy kombinat.

TRIFONOV, Pavel, inzh.

Use of regenerated motor oils. Tekh delo no.438:3 11 Ag '62.

TRIFONOV, P. (Voronezh)

Magnetic antenna attachment for a television set. Radio no.7:
29-30 Jl '60.   (MIRA 13:7)
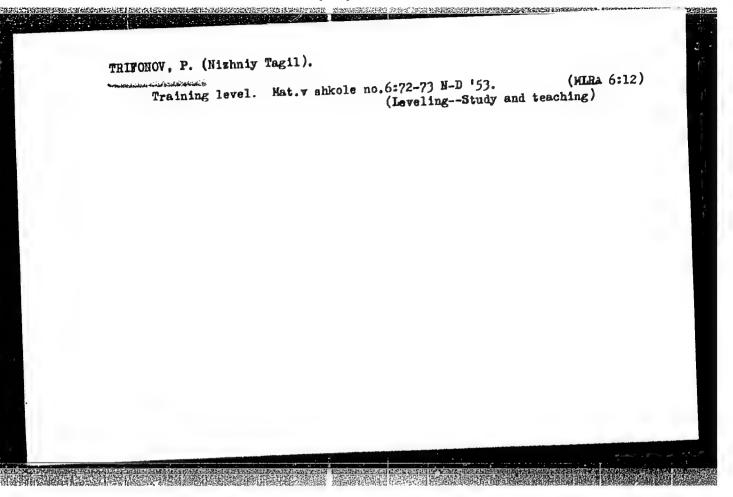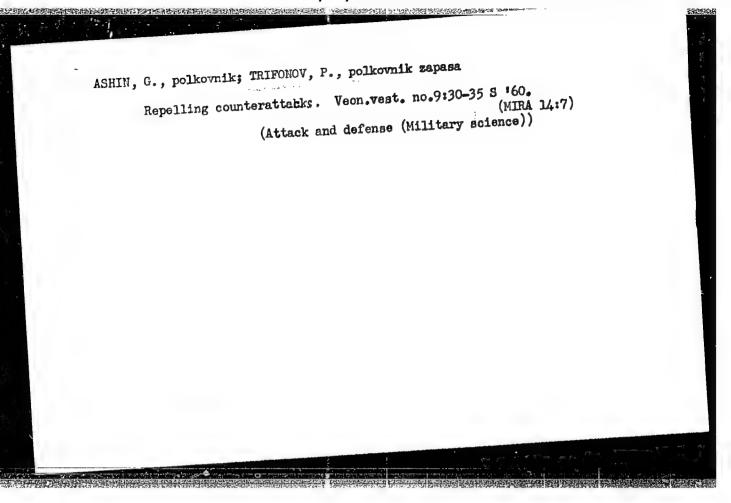   (Television--Antennas)

TRIFONOV, P.

Bolashikov, S. Full utilization of agricultural machines on state agricultural farms, important reserve for reducing net cost of production. p.3.
KOOPERATIVNO ZEMEDELIE, Sofyia, Vol. 11, no. 3, Mar, 1956.

TRIFONOV, P. (Nizhniy Tagil).

Training level.   Mat.v shkole no.6:72-73 N-D '53.   (MLRA 6:12)
(Leveling--Study and teaching)

ASHIN, G., polkovnik; TRIFONOV, P., polkovnik zapasa

Repelling counterattacks. Veon.vest. no.9:30-35 S '60.
(MIRA 14:7)

(Attack and defense (Military science))

TRIFONOV, P.

"Cotton Growing and Manufacture, An Important Factor For Strengthening the National Economy and Increasing the Income of Collective Farms. p. 31." (KOOPERATIVNO ZEMEDELIE) Vol. 8, No. ½, 1953, Sofiya, Bulgaria.

SO: Montily List of East European Accessions L. C., Vol. 2, No. 11, Nov. 1953, Uncl.

TRIFONOV, P.; POLASHIKOV, S.

Lowering the cost price of the ton-kilometer automobile transportation of
state farms. p. 2.
(Kooperatvino Zemedelie, Vol. (12) no. 3, Mar. 1957. Sofiia, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

TRIFGNOV, P.

Warsaw Scientific-Research Institute of Automobile Transportation.   p. 30
Teknika   Vol. 7, No. 5, 1958. Sofiia, Bulgaria.

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 10,
Oct. 58

TRIFONOV, P.; BUDKO, V.

    Universal electric spark machine. NTO 2 no.5:42 My '60.

                                  (MIRA 14:5)

1. Predsedatel' oblastnogo pravleniya nauchno-tekhnicheskogo obshche-
stva radiotekhniki i elektrosvyazi im. A.S.Popova (for Trifonov).
2. Predsedatel' soveta nauchno-tekhnicheskogo obshchestva universiteta
g. Voronezh (for Budko).
               (Electric cutting machinery)

TRIFONOV, P., polkovnik zapasa; ASHIN, G., polkovnik

Some peculiarities in supplying troops from the rear in desert
areas. Tyl i snab. Sov. Voor. Sil 21 no.4:44-45 Ap '61.
                                            (MIRA 14:7)
                        (Desert warfare)
                        (Logistics)

TRIFONOV, P., polkovnik zapasa

The art of the sniper. Voen.znan. 38 no.1:11-12 Ja '62. (MIRA 15:2)
(Snipers)

ASHIN, G., polkovnik; TRIFONOV, P., polkovnik zapasa

Mistakes which should not have been made. Voen. vest. 42 no.11:
29-33 N '62.   (MIRA 16:10)

(Attack and defense (Military science))

S/081/63/000/001/051/061
B144/B186

AUTHOR: Trifonov, Pavel At.

TITLE: Motor oils and their exchange intervals

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1963, 457, abstract
             1P136 (Tekhnika (B"lg.) v. 11, no. 3, 1962, 106-108 [Bulg.])

TEXT: The dependence is established between the ageing of motor oils and
their content of metal particles. AAC-18 (DAS-18) and AN-14 (DP-14) oils
become unsuitable for further use when containing >0.05% Fe.
[Abstracter's note: Complete translation.]

Card 1/1

TRIFONOV, P.A.:

Construction and utilization of plane sections of polyhedra.
Uch. zap. MGPI   116:225-241   '58.   (MIRA 12:9)
                    (Geometry, Solid)

TRIFONOV, P.A., inzh.

For a better utilization of motor transport. Tekhnika Bulg 2
no.10:12-16 O '53.

ACC NR: AT7003831

SOURCE CODE: UR/3169/66/000/018/0003/0018

AUTHOR: Sollogub, V. B.; Garkalenko, I. A.; Trifonov, P. G.; Chekunov, A. V.; Kalyuzhnaya, L. T.; Khilinskiy, L. A.

ORG: Geophysics Institute AN UkrSSR. (Institut geofiziki AN UkrSSR); Dneprogeofizika Trust (Trest "Dneprogeofizika")

TITLE: Deep structure of the Earth's crust in the Belozersk iron ore region based on seismic data

SOURCE: AN UkrSSR. Geofizicheskiy sbornik, no. 18, 1966. Geofizicheskiye issledovaniya stroyeniya zemnoy kory (Geophysical investigations of the structure of the earth's crust), 3-18

TOPIC TAGS: geologic survey, earth crust, seismology, petrology, mineralogy

ABSTRACT: Seismic investigations of the Belozersk iron ore region revealed that the basement in the region is composed of the earliest Precambrian formations and the basaltic shell is greatly uplifted. Hence it is natural to assume that a block of the Earth's crust has been elevated in the Belozersk region relative to adjacent regions. This uplifting of the block of the basaltic shell occurred along the ancient Belozersk submeridional deep fault zone and was accompanied by the penetration and fusion of basic and ultrabasic rock varieties in the upper levels of the crust. A comparison of the structural map of the surface of the basaltic

Card   1/2

ACC NR: AT7003831

shell with the gravimetric map revealed their good qualitative agreement. Thus the gravity anomalies in the Belozersk region are due not to petrographic inhomogeneities of the basement but mainly to the surface relief of the basaltic shell. It is assumed that in other regions of the Ukrainian shield the main gravitational effect is also produced by density boundaries within the Precambrian strata. In the overall qualitative conformity of the gravitational map of the basaltic shell of the Belozersk region, no direct relation was found between the magnitude of the anomalies and the depths to the basalt. This was apparently due primarily to density inhomogeneities in the basaltic shell itself. Orig. art. has: 10 figures.

SUB CODE: 08/ SUBM DATE: 20Nov65/ ORIG REF: 025

Card 2/2

TRIFONOV, P.I.

Review of "Tracheobronchoscopy," a book by the renowned
scientist [professor, zasluzhennyy deyatel' nauki] V.K.Trutnev.
P.I.Trifonov. Vest.oto-rin.15 no.6:84-86 N-D '53.   (MLRA 7:1)
  (Bronchoscope and bronchoscopy) (Trutnev, V.K.)